

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040453.D
 Acq On : 26 Feb 2024 11:38
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 27 04:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	92019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77614	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225993	146.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 293.680%#			
35) Dibromofluoromethane	5.385	113	163411	148.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 297.380%#			
50) Toluene-d8	8.647	98	590074	147.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 295.820%#			
62) 4-Bromofluorobenzene	11.079	95	241473	158.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 317.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	170027	148.474	ug/l	99
3) Chloromethane	1.294	50	156384	137.679	ug/l	98
4) Vinyl Chloride	1.374	62	171388	139.533	ug/l	99
5) Bromomethane	1.593	94	86165	126.232	ug/l	99
6) Chloroethane	1.666	64	105604	135.855	ug/l	99
7) Trichlorofluoromethane	1.874	101	289735	149.352	ug/l	100
8) Diethyl Ether	2.136	74	98213	144.837	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	155324	148.744	ug/l	99
10) Methyl Iodide	2.447	142	179451	149.376	ug/l	96
11) Tert butyl alcohol	2.989	59	202253	781.726	ug/l	# 91
12) 1,1-Dichloroethene	2.312	96	149350	142.456	ug/l	98
13) Acrolein	2.233	56	152309	918.214	ug/l	100
14) Allyl chloride	2.660	41	274836	149.843	ug/l	94
15) Acrylonitrile	3.068	53	465056	716.584	ug/l	98
16) Acetone	2.380	43	383952	764.971	ug/l	97
17) Carbon Disulfide	2.508	76	414746	142.857	ug/l	99
18) Methyl Acetate	2.703	43	232721	150.396	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	538553	150.601	ug/l	100
20) Methylene Chloride	2.788	84	170680	142.102	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	161931	144.829	ug/l	99
22) Diisopropyl ether	3.763	45	546389	148.240	ug/l	87
23) Vinyl Acetate	3.721	43	2580899	764.407	ug/l	100
24) 1,1-Dichloroethane	3.605	63	311702	145.020	ug/l	100
25) 2-Butanone	4.556	43	651226	744.692	ug/l	99
26) 2,2-Dichloropropane	4.477	77	268654	156.987	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	187578	143.405	ug/l	99
28) Bromochloromethane	4.897	49	129859	144.432	ug/l	99
29) Tetrahydrofuran	5.001	42	443023	726.197	ug/l	98
30) Chloroform	5.092	83	334251	146.509	ug/l	98
31) Cyclohexane	5.470	56	261142	149.765	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	297331	152.694	ug/l	99
36) 1,1-Dichloropropene	5.690	75	243135	143.589	ug/l	100
37) Ethyl Acetate	4.714	43	268518	144.900	ug/l	99
38) Carbon Tetrachloride	5.678	117	253650	155.063	ug/l	98
39) Methylcyclohexane	7.379	83	281274	153.857	ug/l	98
40) Benzene	6.037	78	664825	145.019	ug/l	99

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41) Methacrylonitrile	4.922	41	149866	144.781	ug/l	97
42) 1,2-Dichloroethane	6.086	62	283531	149.429	ug/l	99
43) Isopropyl Acetate	6.342	43	443943	152.675	ug/l	98
44) Trichloroethene	7.123	130	179108	145.273	ug/l	98
45) 1,2-Dichloropropane	7.427	63	177063	144.315	ug/l	97
46) Dibromomethane	7.580	93	132685	147.096	ug/l	99
47) Bromodichloromethane	7.818	83	266460	150.030	ug/l	97
48) Methyl methacrylate	7.690	41	227424	156.482	ug/l	93
49) 1,4-Dioxane	7.659	88	83649	3042.549	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	1446216	752.255	ug/l	100
52) Toluene	8.720	92	425931	151.388	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	297751	165.196	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	304492	157.165	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	178712	153.060	ug/l	94
56) Ethyl methacrylate	9.116	69	296260	164.109	ug/l	96
57) 1,3-Dichloropropane	9.305	76	303103	149.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	732998	774.392	ug/l	97
59) 2-Hexanone	9.433	43	1127606	762.874	ug/l	99
60) Dibromochloromethane	9.525	129	200283	157.927	ug/l	99
61) 1,2-Dibromoethane	9.610	107	194037	152.295	ug/l	100
64) Tetrachloroethene	9.275	164	147925	144.152	ug/l	99
65) Chlorobenzene	10.079	112	461762	148.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	176391	160.990	ug/l	100
67) Ethyl Benzene	10.195	91	867866	152.496	ug/l	99
68) m/p-Xylenes	10.299	106	638756	300.564	ug/l	96
69) o-Xylene	10.640	106	317556	156.233	ug/l	95
70) Styrene	10.652	104	540086	159.391	ug/l	97
71) Bromoform	10.799	173	153234	170.852	ug/l #	100
73) Isopropylbenzene	10.963	105	859220	150.320	ug/l	100
74) N-amyl acetate	10.841	43	430125	162.023	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	297020	143.686	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	249959m	146.333	ug/l	
77) Bromobenzene	11.195	156	200767	148.547	ug/l	99
78) n-propylbenzene	11.305	91	1059299	149.408	ug/l	98
79) 2-Chlorotoluene	11.366	91	628102	147.162	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	738058	151.827	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	94008	149.276	ug/l	94
82) 4-Chlorotoluene	11.451	91	738175	149.563	ug/l	100
83) tert-Butylbenzene	11.713	119	711746	155.301	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	740778	153.589	ug/l	100
85) sec-Butylbenzene	11.890	105	925570	153.728	ug/l	100
86) p-Isopropyltoluene	12.006	119	763944	153.934	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	391199	145.211	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	393586	143.517	ug/l	99
89) n-Butylbenzene	12.329	91	758406	155.328	ug/l	97
90) Hexachloroethane	12.536	117	138500	167.680	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	371108	144.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	75993	157.689	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	251192	149.926	ug/l	97
94) Hexachlorobutadiene	13.725	225	100677	147.030	ug/l	98
95) Naphthalene	13.774	128	840575	156.997	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	244561	153.556	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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